I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted via the Office electronic filing system in accordance with § 1.6(a)(4).

Dated: August 2, 2007

Electronic Signature for Melissa L. Sistrunk: /Melissa L. Sistrunk/

Docket No.: AH-CLFR:181USD5 (PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

David H. Walker et al.

Application No.: 10/731,554

Filed: December 9, 2003 Art Unit: 1645

For: HOMOLOGOUS 28-KILODALTON

IMMUNODOMINANT PROTEIN GENES OF EHRLICHIA CANIS AND USES THEREOF

Examiner: Baskar, P.

AMENDMENT IN RESPONSE TO OFFICE ACTION MAILED APRIL 12, 2007

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

In response to the Office Action dated April 12, 2007 ("the Action"), please amend the above-identified U.S. patent application as follows:

Amendments to the Claims are reflected in the listing of claims that begins on page 2 of this paper.

Remarks/Arguments begin on page 3 of this paper.